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Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 6181809 B1

Using default format because multiple data bases are involved.

L1: Entry 1 of 2 File: USPT Jan 30, 2001

US-PAT-NO: 6181809
DOCUMENT-IDENTIFIER: US 6181809 B1

TITLE: Apparatus for processing and digitizing photographic film in one pass

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Primo; Henri August	Lochristi			BE
Muller; Jurgen	Munchen			DE

US-CL-CURRENT: 382/128; 382/323, 396/570

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

2. Document ID: EP 452570 A, US 6181809 B1 , EP 452570 B1, DE 69015618 E, JP 07049541 A

L1: Entry 2 of 2 File: DWPI Oct 23, 1991

DERWENT-ACC-NO: 1991-311921
DERWENT-WEEK: 200108
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TITLE: Processing and digitising appts. for medical radiographic film - integrates processing function of X=ray film with that of digitising processed film for subsequent diagnostic evaluation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

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Terms	Documents
us-6181809-$.did.	2

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L1: Entry 2 of 2 File: DWPI Oct 23, 1991

DERWENT-ACC-NO: 1991-311921
DERWENT-WEEK: 200108

TITLE: Processing and digitising appts. for medical radiographic film - integrates processing function of X=ray film with that of digitising processed film for subsequent diagnostic evaluation

INVENTOR: MUELLER, J; PRIMO, H A ; MULLER, J

PATENT-ASSIGNEE:

ASSIGNEE	CODE
AGFA-GEVAERT NV	GEVA
AGFA-GEVAERT AG	GEVA

PRIORITY-DATA: 1990EP-0200969 (April 19, 1990)

Search Selected Search ALL Clear

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
☐	EP 452570 A	October 23, 1991		000	
☐	US 6181809 B1	January 30, 2001		000	G06K009/00
☐	EP 452570 B1	December 28, 1994	E	013	H04N001/00
☐	DE 69015618 E	February 9, 1995		000	H04N001/00
☐	JP 07049541 A	February 21, 1995		007	G03B042/02

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI LU NL SE BE DE FR GB

CITED-DOCUMENTS:3.Jnl.Ref; EP 125877 ; EP 251237 ; EP 277493 ; US 4306290 ; US 4768099 ; 03Jnl.Ref

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 452570A	April 19, 1990	1990EP-0200969	
US 6181809B1	April 9, 1991	1991US-0682388	CIP of
US 6181809B1	December 11, 1992	1992US-0989364	Cont of
US 6181809B1	January 23, 1995	1995US-0376441	Cont of
US 6181809B1	December 28, 1995	1995US-0580389	
EP 452570B1	April 19, 1990	1990EP-0200969	

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DE 69015618E	April 19, 1990	1990DE-0615618	
DE 69015618E	April 19, 1990	1990EP-0200969	
DE 69015618E		EP 452570	Based on
JP 07049541A	April 19, 1991	1991JP-0182073	

INT-CL (IPC): G03B 42/02; G03D 3/13; G03D 13/00; G03D 15/00; G06K 9/00; G06T 1/00; H04N 1/00; H04N 1/21; H04N 7/18

ABSTRACTED-PUB-NO: EP 452570A
BASIC-ABSTRACT:

This appts. is designed to convey exposed photographic film in one continuous pass through the processes of developing, fixing, washing and drying, followed by scanning, sensing and digitising of the resultant prod.. Signal processing appts. then evaluates the digital result. Patient identification data may be added to the radiographic film and be scanned at the same time, thus providing automatic association during subsequent retrieval and diagnosis.

The integrated appts. may allow for intermediate entry of previously processed film into digital scanning, and for exit of processed film, not requiring digitisation.

USE/ADVANTAGE - In economic, integrated appts. for processing and digitising photographic film, with subject indentification being included early in process, during photographic stages.
ABSTRACTED-PUB-NO:

EP 452570B
EQUIVALENT-ABSTRACTS:

An apparatus for automatically processing, scanning and digitising an exposed X-ray film comprising (i) an automatic processing part in which said exposed X-ray film is developed, fixed and dried to form an analogue image on said film and (ii) a scanning/digitising part in which said analogue image is scanned and digitised, characterised in that said scanning/digitising part is connected to said processing part in such a way that said processed film is fed directly from said processing part into said scanning/digitising part.

US 6181809B

This appts. is designed to convey exposed photographic film in one continuous pass through the processes of developing, fixing, washing and drying, followed by scanning, sensing and digitising of the resultant prod.. Signal processing appts. then evaluates the digital result. Patient identification data may be added to the radiographic film and be scanned at the same time, thus providing automatic association during subsequent retrieval and diagnosis.

The integrated appts. may allow for intermediate entry of previously processed film into digital scanning, and for exit of processed film, not requiring digitisation.

USE/ADVANTAGE - In economic, integrated appts. for processing and digitising photographic film, with subject indentification being included early in process, during photographic stages.

CHOSEN-DRAWING: Dwg.1/6 Dwg.1/6 Dwg.1/6

< p>TITLE-TERMS: PROCESS DIGITAL APPARATUS MEDICAL RADIOGRAPHIC FILM INTEGRATE

h e b b g e e e f c e e ge

PROCESS FUNCTION X=RAY FILM DIGITAL PROCESS FILM SUBSEQUENT DIAGNOSE EVALUATE

DERWENT-CLASS: P82 P84 S05 S06 T04 W02

EPI-CODES: S05-D02A5; S06-B04A; S06-B09; T04-D; W02-J03A;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1991-239072

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	485082	(light same point) or laser	US-PGPUB; USPAT	OR	ON	2005/02/17 06:54
L2	1	photoelectrically adj convertible adj sensor	US-PGPUB; USPAT	OR	ON	2005/02/17 06:55
L3	1	1 and 2	US-PGPUB; USPAT	OR	ON	2005/02/17 06:57
L4	184715	sensor same measur$	US-PGPUB; USPAT	OR	ON	2005/02/17 06:59
L5	1	2 and 4	US-PGPUB; USPAT	OR	ON	2005/02/17 07:41
L6	686	(image adj (receiving or receiver or received)) same (film or transparent) same (scan or laser or (light adj10 point))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 09:05
L7	619	(image adj (receiving or receiver or received)) same (film or transparent) same ((processing or processed) adj2 (solution or material))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:01
L8	344	transparent adj image adj (receiving or receiver or received)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:13
L9	3	"6599036"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:15
L10	2	1 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:15
S1	304	430/604.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/05 11:19
S2	507	430/605.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/05 11:19
S3	91	430/612.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/05 11:19
S4	676	S1 or S2 or S3	US-PGPUB; USPAT	OR	ON	2005/02/05 11:20

S5	133300	ir	US-PGPUB; USPAT	OR	ON	2005/02/05 11:24
S6	33173	iridium	US-PGPUB; USPAT	OR	ON	2005/02/05 11:24
S7	171839	gold	US-PGPUB; USPAT	OR	ON	2005/02/05 11:24
S8	3949025	au	US-PGPUB; USPAT	OR	ON	2005/02/05 11:25
S9	4216606	S5 or S6 or S7 or S8	US-PGPUB; USPAT	OR	ON	2005/02/05 11:25
S10	645	S4 and S9	US-PGPUB; USPAT	OR	ON	2005/02/05 11:26
S11	2	("20020092436").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 13:43
S12	2	("6181809").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 14:40
S13	2	("20020051255").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 14:48
S14	2	("6461061").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 15:45
S15	2	("6793417").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 15:00
S16	2	("20020115027").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 15:51

S17	2	("20030002879").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:07
S18	0	("200100552932").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:07
S19	2	("20010052932").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:23
S20	2	("20010052932").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:36
S21	2	("20010031144").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:38
S22	2	("20020115027").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 17:35
S23	2	("6540416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 18:15
S24	11	specific adj color adj2 frequency adj band	US-PGPUB; USPAT	OR	ON	2005/02/16 18:20
S25	484297	(light same point) or laser	US-PGPUB; USPAT	OR	ON	2005/02/17 06:53
S26	7	S24 and S25	US-PGPUB; USPAT	OR	ON	2005/02/16 18:23
S27	4	optical adj data adj collected adj during adj infrared adj scanning	US-PGPUB; USPAT	OR	ON	2005/02/16 18:26

S28	0	S25 and S27	US-PGPUB; USPAT	OR	ON	2005/02/16 18:26
S29	0	similarly adj deceased adj2 deceasing adj sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:29
S30	0	deceasing adj sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:30
S31	97	sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:31
S32	5	decreasing adj sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:31
S33	5	S25 and S32	US-PGPUB; USPAT	OR	ON	2005/02/16 18:32

Day : Thursday
Date: 2/17/2005

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Time: 12:44:35

Inventor Name Search Result

Your Search was:

Last Name = MOOTY
First Name = G

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09746735	Not Issued	071	12/21/2000	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION AND DETECTION IN DIGITAL FILM PROCESSING	MOOTY, G. GREGORY
09746859	6788335	150	12/21/2000	PULSED ILLUMINATION SIGNAL MODULATION CONTROL & ADJUSTMENT METHOD AND SYSTEM	MOOTY, G. GREGORY
09748788	Not Issued	071	12/22/2000	DIGITAL FILM PROCESSING METHOD AND SYSTEM	MOOTY, G. GREGORY
09778022	6599036	150	02/05/2001	FILM PROCESSING SOLUTION CARTRIDGE AND METHOD FOR DEVELOPING AND DIGITIZING FILM	MOOTY, G. GREGORY
10378062	Not Issued	092	03/03/2003	FILM PROCESSING SOLUTION CARTRIDGE AND METHOD FOR DEVELOPING AND DIGITIZING FILM	MOOTY, G. GREGORY
09607411	6443639	150	06/29/2000	SLOT COATER DEVICE FOR APPLYING DEVELOPER TO FILM FOR ELECTRONIC FILM DEVELOPMENT	MOOTY, GEORGE G.
09740727	Not Issued	061	12/18/2000	METHOD AND APPARATUS FOR DIGITAL FILM PROCESSING USING A SINGLE SCANNING STATION	MOOTY, GEORGE G.
09750824	Not Issued	092	12/28/2000	METHODS AND APPARATUS FOR TRANSPORTING AND POSITIONING FILM IN A DIGITAL FILM PROCESSING SYSTEM	MOOTY, GEORGE G.
09751119	6864973	150	12/28/2000	METHOD AND APPARATUS	MOOTY, GEORGE

				TO PRE-SCAN AND PRE-TREAT FILM FOR IMPROVED DIGITAL FILM PROCESSING HANDLING	G.
11002004	Not Issued	018	12/02/2004	METHOD AND APPARATUS TO PRE-SCAN AND PRE-TREAT FILM FOR IMPROVED DIGITAL FILM PROCESSING HANDLING	MOOTY, GEORGE G.
60141311	Not Issued	159	06/29/1999	SLOT COATER DEVICE FOR APPLYING DEVELOPER TO FILM IN ELECTRONIC FILM DEVELOPMENT	MOOTY, GEORGE G.
08034524	5457890	150	03/22/1993	SCALABLE MEASURING APPARATUS AND DISPLACEMENT DISPLAY DEVICE, SYSTEM AND METHOD	MOOTY, GLENN J.
08542175	5551159	150	10/11/1995	SCALABLE MEASURING APPARATUS AND DISPLACEMENT DISPLAY DEVICE, SYSTEM AND METHOD	MOOTY, GLENN J.
09232748	6161295	150	01/15/1999	BRAKE MECHANISM FOR COMPUTERIZED GRADE ROD	MOOTY, GLENN J.
60173781	Not Issued	159	12/30/1999	PULSED ILLUMINATION SIGNAL MODULATION CONTROL AND ADJUSTMENT METHOD AND SYSTEM	MOOTY, GREG
60173787	Not Issued	159	12/30/1999	DIGITAL FILM PROCESSING METHOD AND SYSTEM	MOOTY, GREG
60233829	Not Issued	159	09/18/2000	METHOD, APPARATUS AND SYSTEM FOR DRYING FILM	MOOTY, GREG
60173661	Not Issued	159	12/30/1999	DETECTOR HOUSING FOR DIGITAL FILM PROCESSING	MOOTY, GREG G.
60174049	Not Issued	159	12/30/1999	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION FOR DIGITAL FILM PROCESSING	MOOTY, GREG G.
60180000	Not Issued	159	02/03/2000	SCANNING APPARATUS AND DIGITAL FILM PROCESSING METHOD	MOOTY, GREGORY C.
07681821	5280889	150	04/08/1991	SHOCK ISOLATOR	MOOTY, GREGORY G.

60173653	Not Issued	159	12/30/1999	METHOD AND APPARATUS FOR COMPENSATING FOR FILM BUCKLING IN A DIGITAL FILM DEVELOPMENT SYSTEM	MOOTY, GREGORY G.
60174040	Not Issued	159	12/30/1999	METHOD AND SYSTEM FOR TENSIONING FILM DURING SCANNING	MOOTY, GREGORY G.
60174041	Not Issued	159	12/30/1999	TRANSPORT SYSTEM FOR PHOTOGRAPHIC FILM	MOOTY, GREGORY G.
60174189	Not Issued	159	12/30/1999	FILM TRANSPORT AND SCANNING MODULES FOR A DIGITAL FILM DEVELOPMENT SYSTEM	MOOTY, GREGORY G.

Inventor Search Completed: No Records to Display.

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Inventor Name Search Result

Your Search was:

Last Name = PORTH
First Name = ROLAND

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60233829	Not Issued	159	09/18/2000	METHOD, APPARATUS AND SYSTEM FOR DRYING FILM	PORTH, ROLAND
09607411	6443639	150	06/29/2000	SLOT COATER DEVICE FOR APPLYING DEVELOPER TO FILM FOR ELECTRONIC FILM DEVELOPMENT	PORTH, ROLAND W.
09746735	Not Issued	071	12/21/2000	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION AND DETECTION IN DIGITAL FILM PROCESSING	PORTH, ROLAND W.
60233690	Not Issued	159	09/19/2000	METHOD AND APPARATUS TO PROVIDE SECURITY FOR FILM PROCESSED USING A DIGITAL FILM PROCESSING	PORTH, ROLAND W.
06514372	4519703	150	07/15/1983	DOCUMENT REPRODUCTION DEVICE UTILIZING A SELECTIVE COLOR ILLUMINATOR	PORTH, ROLAND W.

Inventor Search Completed: No Records to Display.

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Day : Thursday
Date: 2/17/2005

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Time: 12:46:51

Inventor Name Search Result

Your Search was:

Last Name = DUONG
First Name = DUNG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09730332	6628884	150	12/05/2000	DIGITAL FILM PROCESSING SYSTEM USING A LIGHT TRANSFER DEVICE	DUONG, DUNG T.
09746735	Not Issued	071	12/21/2000	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION AND DETECTION IN DIGITAL FILM PROCESSING	DUONG, DUNG T.
09755301	Not Issued	041	01/02/2001	POLARIZED ILLUMINATION AND IMAGING DEVICE FOR DIGITAL FILM PROCESSING	DUONG, DUNG T.
10660214	Not Issued	093	09/11/2003	WAVEGUIDE DEVICE AND OPTICAL TRANSFER SYSTEM FOR DIRECTING LIGHT TO AND IMAGE PLANE.	DUONG, DUNG T.
10894604	Not Issued	020	07/20/2004	FILM BRIDGE ASSEMBLY FOR A DIGITAL FILM SCANNING SYSTEM	DUONG, DUNG T.
60173783	Not Issued	159	12/30/1999	LIGHT TRANSFER DEVICE AND SYSTEM	DUONG, DUNG T.
60174029	Not Issued	159	12/30/1999	POLARIZED ILLUMINATION AND IMAGING DEVICE FOR DIGITAL FILM PROCESSING	DUONG, DUNG T.
06343177	4427749	150	01/27/1982	PRODUCT INTENDED TO BE USED AS A PHOTOCATALYST, METHOD FOR THE PREPARATION OF SUCH PRODUCT AND UTILIZATION OF SUCH PRODUCT	DUONGHONG, DUNG
06824694	4684537	250	12/27/1985	PROCESS FOR THE SENSITIZATION OF AN OXIDATION/REDUCTION PHOTOCATALYST, AND	DUONGHONG, DUNG

				PHOTOCATALYST THUS OBTAINED	

Inventor Search Completed: No Records to Display.

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